OwO Imaging
SOLUTIONS

ATLAS
CDR-35



APPLICATIONS



EXTREMITY ORTHOPEDICS

Imaging small bones and joints in the arms and legs for fractures, hardware placement, and alignments.

PAIN MANAGEMENT

Guiding needle placement for spinal injections, epidurals, and joint blocks in thin to average-weight patients.

PODIATRY AND HAND SURGERY

Tracking real-time movements during delicate bone and tendon repairs in feet or hands.

BASIC OUTPATIENT PROCEDURES

Checking catheter or line placements in smaller clinics or office-based labs.

VETERINARIAN STUDIES

Ideal for small and large animal orthopedic imaging, soft tissue evaluations, fracture repairs, and routine diagnostic procedures.

KEY LIMITATIONS OF 3.2 kW POWER

Lower penetration – not ideal for larger patients or dense anatomy.

Limited performance for complex, long or high-dose procedures.

Not optimized for bariatric or high BMI patients.

Lower dose output compared to higher-power systems.

May require longer exposure time in some cases.



Mobile C-Arm with Flat Panel Detector

The ATLAS CDR-35 is a mobile C-arm designed to deliver clear, high-resolution fluoroscopic imaging with efficient low-dose operation. Its compact, counterbalanced design provides excellent maneuverability and easy positioning across a wide range of clinical procedures.

Power Type	**AC**
Output Power	3.2 High Frequency Generator
Input Power	120-240 VAC
kV Range	40~110 kV (1kV Step)
ma Range	0.5~6.9 mA
MONITOR	Ultra Wide 34” (Optional Fold)
DAP Available	YES

3.2kW High Frequency Generator
Provides stable, high-quality power output for clear images with low radiation.

High Resolution Flat Panel Detector
Delivers sharp, high-contrast images with excellent detail for confident diagnosis.

Monotank Tube
Improves heat dissipation and tube durability for consistent performance and longer life.

Control/Optimize Radiation Dose
- DAP (Dose Area Product) meter
- Low dose mode
- Pulse mode

Helps reduce patient dose while maintaining excellent image quality.

Flexible Viewing Options
- 34" Ultra-wide Monitor
- 19" Medical dual monitors (Optional)

Choose the display setup that fits your workflow and preferences.

DICOM Services
- DICOM 3.0
- Thermal Printer (Optional)

Seamless integration with PACS and easy image sharing.

High Storage Capacity
- 1TB HDD × 2
- 250GB SSD × 2 * RAID 1 (Mirroring)

Large storage with data redundancy for security and reliability.

Laser Guide
Assists in precise positioning and alignment to improve accuracy and reduce radiation dose.

Connectivity to PACS
Easy connection to PACS for efficient image transfer, storage, and management.


225° angulation


165° orbital rotation


200 mm horizontal movement


1051mm SID, 500m vertical travel

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